ARTICLE 11: Capital Plan

ARTICLE 11.

Capital Improvement & Debt Plan

Ms. Hodges moves that the Town vote to raise and appropriate the sum of \$1,787,195, to re-appropriate the sum of \$150,000 representing unexpended bond proceeds and premium originally borrowed to fund public safety equipment authorized under Article 24 of the 2016 Annual Town Meeting to fund a portion of the costs of the Fire Department Ambulance #2 Replacement (2011) project, and to authorize the Town Treasurer with the approval of the Select Board to borrow by the issuance of bonds or notes under the provisions of Massachusetts General Laws c.44 S.7 or S.8, or any other enabling authority, the sum of \$4,200,000 for a total appropriation of \$6,137,195 to fund the FY21 Capital Improvement Plan, said funds to be expended under the direction of the Town Manager, and further that any premium received by the Town upon the sale of any bonds or notes approved by the vote, less any such premium applied to the payment of the costs of issuance of such bonds or notes, may be applied to the payment of costs approved by this vote in accordance with Massachusetts General Laws c.44 S.20, thereby reducing the amount authorized to be borrowed to pay such costs by a like amount.

ARTICLE 11: Capital Plan

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Capital Improvement & Debt Plan

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FY21-25 Capital Program DEBT AUTHORIZATION PLAN						DRA	FT - Novem	ber 7, 2019
		adopted			plan			
	Fiscal Year of Planned Long-term Debt Issuance	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY21-25
	Annual Town Meeting Year	2019	2020	2021	2022	2023	2024	Total
General	Fund - Financing within Levy Limit	\$4,850,000	\$5,250,000	\$5,700,000	\$5,400,000	\$4,600,000	\$3,750,000	\$24,700,00
Town Man								
. Own man	Renovation/Construction/Acqusition of Town Buildings	500,000						(
	Municipal Buildings, Town House			250,000	500,000			750,000
	Municipal Buildings, Hunt Recreation				250,000	170,000	85,000	505,000
	Municipal Buildings, 141 Keyes Road					1,000,000		1,000,000
	Municipal Buildings, Harvey Wheeler				250,000	500,000		750,000
	Land acquisition for municipal purposes					400,000	1,000,000	1,400,000
	Park Improvements, Emerson Playground		200.000					200.000
	Park Improvements, Emerson Field (CPW)					200,000	200,000	400,000
	Park Improvements, Gerow	600,000	600,000		400,000	400,000		1,400,000
	Park Improvements, Rideout	200,000	195.000		111,100	122,230		195,000
	Park Improvements, Warner's Pond dredging		500,000	1,500,000				2,000,000
	Park Improvements, White Pond	600,000	600,000	200,000	300,000	180,000		1,280,000
Planning	Land Acquisition for open space	100,000		0				
	Ralph Waldo Emerson Historic Home/ Museum	100,000	_	350.000				350.000
	Raiph Waldo Emerson Historic Home/ Museum			350,000				350,000
	Pedestrian Bridge Over Assebet River in W. Concord			950,000	1,000,000			1,950,000
	West Concord Visitors Center, Acquisition & Renovation							(
Public Safe	ety							
	Engine #3 (2008) & Engine #5 (1989) to be replaced w/ one truck							C
	Engine #3 Refurbishment (2016) Pumper					175,000		175,000
	Engine #4 Replacement (2017) Pumper							(
	Engine #5 Replacement (1989) Brush Truck							(
	Engine #6 Replacement (2006) Brush and Utility Vehicle							(
	Engine #8 Refurbishment (formerly E3) (2016)					175,000		175,000
	Ambulance #1 Replacement (2008)							(
	Ambulance #2 Replacement (2011)		275,000					275,000
	Ladder #1 Refurbishment (2012)		250,000					250,000
	Police & Fire Radios							•
Public Wo	rks							
	Road and Parking lot Reconstruction	800,000	1,730,000	1,500,000	1,500,000	1,500,000	1,565,000	7,795,000
	Cambridge Turnpike Reconstruction	600,000		,,	,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,
	Sidewalk extensions - phase 1							
	Sidewalk extensions - phase 2			50,000	300,000			350,000
	Cemetery Roads Improvements							, c
Human Se	Library - Efficient Energy Systems							
1	Library - Furniture, Fixtures, and Equipment	550,000						- 7
1	Harvey Wheeler Parking Lot	330,000						
1	· ····································							ì

2 050 000

4 350 000

4 900 000

4 700 000

4 E00 000

Department/Division	'Cash' Capital (Non-Borrowing)
Information Systems	\$195,000
Facilities Management	\$79,832
Resource Sustainability	\$155,000
Library	\$10,000
Police Department	\$165,000
Fire Department	\$202,363
Engineering	\$85,000
Highway Maintenance	\$40,000
Road Improvements	\$100,000
Park & Trees	\$90,000
CPW Equipment	\$335,000
Drainage Program	\$205,000
Sidewalks	\$125,000

	Adopted FY2020	FY2021	FY2022	FY2023	FY2024
Emerson <i>Playground</i> Improvements		\$200,000			
Gerow Park – Phase I(b)	\$600,000	\$600,000		\$400,000	\$400,000
Rideout Park Restroom Facility		\$195,000			
Warner's Pond Dredging Phase I		\$500,000	\$1.5M		
White Pond Beach Accessibility Improvements	\$600,000	\$600,000	\$200,000	\$300,000	\$180,000
Ambulance #2 Replacement		\$275,000			
Ladder #1 Refurbishment		\$250,000			
Road & Parking Lots		\$1.73M			
Concord Public Schools		\$900,000			



ARTICLE 11: Capital Plan EMERSON PLAYGROUND IMPROVEMENTS

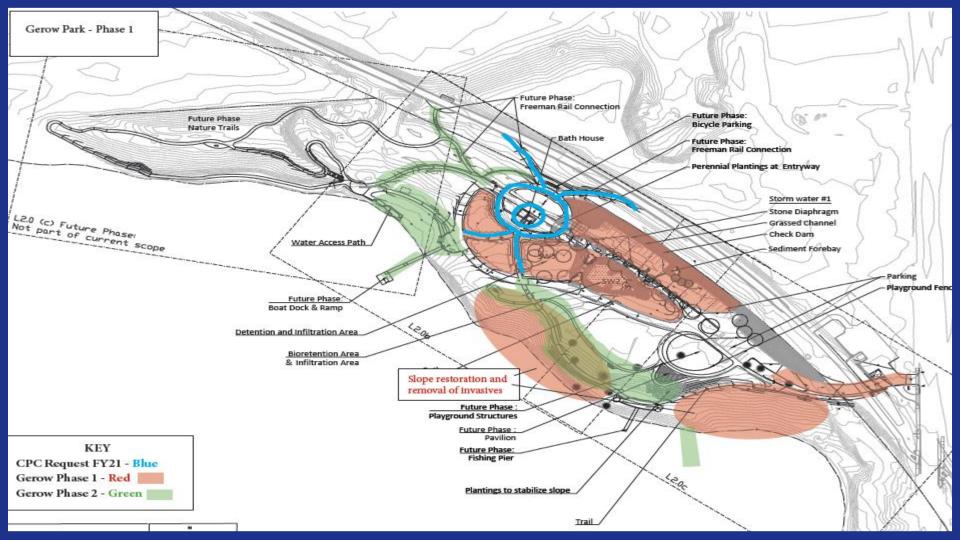
Public Playground Safety Surfacing must conform to the regulations of many State & Federal Agencies:

- ✓ ADA
- ✓ AAB
- ✓ ASTM

While playground safety fibar was acceptable, the AAB has determined that only Pour-in-Place and/or secured rubber tiles are now considered compliant.



Scope, Activities, Actions	Amount	Date Spent
Property Acquisition Appraisal, Environmental Testing, Legal Requirements	\$10,800	May 2018
Property Acquisition	\$2,700,000	July 2018
Phase 1(a) Master Planning Survey, Topo, ANR, Wetlands Flagging & Preliminary Design	\$74,565	July 2018 – February 2019
Home Demo/Recycling	\$23,200	March 2019
Affordable House Lot Subdivide, Conveyance Details & Boundary Markers	\$9,290	May 2019 – July 2019
Phase 1(b) Design & Administration Stormwater Management Plan, Construction Drawings & Oversight	\$117,320	August 2019 – October 2020
Phase I Construction Only (permits, oversight, contingency not incl.) Demo & Site Prep; Stormwater Mngt, Restroom Facility, ADA Walkways, BFRT Connections, Parking Lot, Initial Electrical & Lighting, Plantings	\$1,500,000	Spring 2020 – October 2020
Phase II Construction Only (permits, oversight, contingency not incl.) Additional Pathways, Paths, Slope Restoration/Improvements, Fishing Pier, Canoe/Kayak Launch area (beach level and elevated), Plantings, Playground, Gazebo or similar amenity	\$1.1M - \$1.5M estimated	TBD pending community needs/thoughts
TOTALS	\$4,415,885	Up To: \$5.9



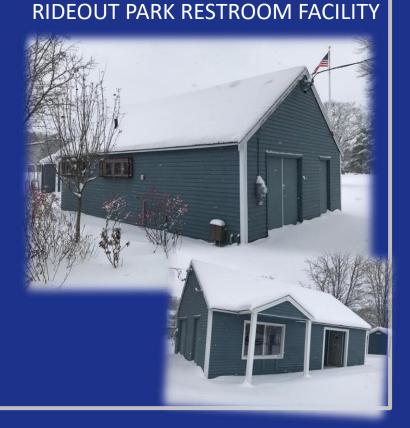
Activity	Monetary Amount Expended – Requested - Funded	Fiscal Year(s)	Source(s)
Pre-Acquisition Due Diligence & Purchase	\$ 2,710,800	FY19	\$2,210,800 – Town Capital \$500,000 – CPC
Home Demo & Subdivision of Affordable Lot	\$ 32,490	FY19	Town Capital
Phase I(a) Master Planning	\$ 74,656	FY19	Town Capital
Phase I(b) - Design & Administrative	\$ 117,320	FY19	Town Capital
Phase I - Permitting, Plans, Bid, Admin. Contingency Funding	<u>\$200,000</u>	FY20	\$200,000 – Town Capital
Phase I - Construction	\$ 800,000 + \$ 607,103	FY20 FY21 (prop)	\$300,000 – Town Capital \$200,000 – CPC \$600,000 – Town Capital \$500,000 – CPC
	Expended to Date \$2,935,266 Requested Funding \$1,100,000 Not yet Expended \$750,000		
	Acquisition & Phase I: \$4.78 M (purchase price @ \$2.7M)		



Largest and most heavily used Recreational Area in Concord

- Baseball Fields
- Soccer Fields
- Multi-Purpose Open Space
- Picnic Pavilion
- Basketball & Tennis Courts
- Pickleball Courts
- Batting Cages
- Walking Track
- Reflection Gardens
- American Ninja Warrior Style
 Workout Area
- Accessible Playground
- Sandbox

ARTICLE 11: Capital Plan



Article 11: Capital Plan



FUNDING PLAN

	СРА	Capital		
Permitting	\$75,000 FY20			
Dredging (Areas N, A, C)	\$500,000 FY21 \$500,000 FY22	\$500,000 FY21 \$1.0 M FY22		
Comm. Ave Improvements		\$220,000 FY22		

Dredging Project Timeline

February 2011 Watershed Management Plan

May 2012 Watershed Plan Revised

August 2018 Dredging Feasibility Study

April 2019 State Environmental Affairs Ofc.

permits "WP Restoration Project"

Summer 2021 Dredging Project Commences





Preliminary Estimate

Master Plan, Survey &

Due Diligence \$ 60,000
Vegetation Mngt. \$ 70,000
Parking/Driveway \$400,000
ADA Pathway & Steps \$400,000
Stormwater Mngt. \$160,000
Permitting, Oversight \$150,000

Sub Total \$1,240,000

Contractor O/P (15%) \$186,000 Contingency (10%) \$124,000

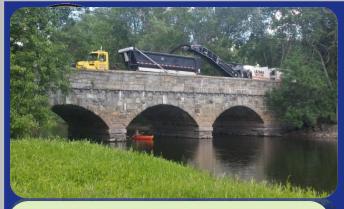
NET \$1,550,000

Ambulance 1 Replacement

Ladder 1: Mid-Life Refurbishment \$250,000

- Vehicle Refurbishment
- Engine updates
- Transmission update
- Electronics related to engine and drivetrain
- Brakes, front-end
- Body work including corrosion repair and repaint
- Aerial Ladder Refurbishment
- Electronics related to aerial ladder
- Cables, pullies, and mechanical components of aerial ladder
- Hydraulic system







ARTICLE 11: Capital Plan ROAD & PARKING LOT RECONSTRUCTION

Roadway & Lot Improvements for FY21 Include:

Neighborhoods:

- ✓ Prescott Road
- ✓ Minot Road & Culvert
- ✓ Peter Spring Road
- ✓ Hubbard Street
- ✓ Butternut Circle

Parking Areas & Lots:

- ✓ Library/Emerson Umbrella
- ✓ Fairyland
- ✓ Stow Street Annex





ARTICLE 11. Capital Improvement & Debt Plan

We ask for your support on this Article.